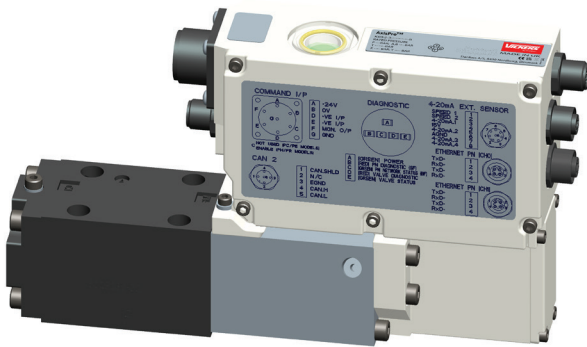


AxisPro®

Industrial proportional valves with Ethernet protocols

Expanded communication protocols and new Pro-FX® Configure v2 software



Enhanced **connectivity**, expanded **possibilities**.

AxisPro® proportional valves, flagship of the Vickers by Danfoss line of industrial valves, now have expanded communication capabilities built into the high-end servo performance models (levels 2 & 3). With the addition of Profinet, EtherCAT, and Ethernet/IP protocols, the game-changing valves deliver precision control to an expanded range of applications. The new protocols are in addition to CANopen support and built-in diagnostics. Programmed via Pro-FX™ Configure v2 software, the valve's embedded intelligence simplifies traditionally complex setup and control operations, while the plug and play design reduces machine build time and installation costs.

New Pro-FX® Configure v2 software now available!

Pro-FX Configure v2 software offers a streamlined, step-by-step workflow which takes the user through valve setup for specified control modes including spool position, cylinder position, pressure, speed, or force. The software enables you to configure the valves by connecting via Ethernet or CANbus, simplifying everything from setup to tuning and commissioning.

For support inquiries, please email: imcproductsupport@danfoss.com

Features

Built on the proven KBS servo Proportional Valve technology, the new AxisPro Proportional Valve provides a range of control capabilities in a modular design.

- Enhanced connectivity with IOT enabled features
- AxisPro Level 2 & 3 products custom programmed via Pro-FX Configure v2 software tool for quick setup and real-time changes for cylinder, motor control on position, speed and pressure/force
- Pro-FX Configure software based on the popular CODESYS environment enabling custom developed solutions
- High-dynamic performance enables open and closed-loop control applications
- LED lens provides on-valve diagnostics
- Best-in-class ingress protection rated to IP65 and IP67, and withstands 70C (158F) ambient temperature
- Experienced application support teams ready to help with your application

Communication Protocols

- CANopen
- Profinet - I/O device, 10/100 Mbit RT compatible
- Ethernet/IP
- EtherCAT

Focus Applications

- Press
- Primary metal
- Rubber and plastic
- Wood processing
- Pulp and paper
- Oil and gas
- Machine tools
- Factory automation
- Civil engineering